

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently Amended) A content transformation method operated in a client-server communication system, the method comprising ~~steps of~~:
receiving a content request by a server from a client;
performing a first stage content transformation to generate a first stage data layout based upon said content request;
performing ~~a~~ an intermediate stage content transformation using said first stage data layout to generate ~~a~~ an intermediate data layout; and
performing a final stage content transformation using said intermediate data layout to generate a presentation format based on a device used by said client.
2. (Currently Amended) The method as recited in claim 1, wherein ~~the step of~~ performing said a first stage content transformation comprises ~~the step of~~ retrieving data from a database.
3. (Currently Amended) The method as recited in claim 2, wherein ~~the step of~~ performing a first stage content transformation further comprises ~~the step of~~ defining a set of first stage rules.
4. (Currently Amended) The method as recited in claim 3, wherein ~~the step of~~ performing a first stage content transformation further comprises ~~step of~~ generating said first stage data layout by transforming said data using said first stage rules.
5. (Currently Amended) The method as recited in claim 2, wherein ~~the step of~~ performing an intermediate stage content transformation comprises ~~step of~~ performing at least one or more sub-stages sub-stage to generate said intermediate stage data layout.

6. (Currently Amended) The method as recited in claim 5, wherein ~~the step of performing~~ said at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing a browser-type stage using a set of browser-type rules.

7. (Currently Amended) The method as recited in claim 5, wherein ~~the step of performing~~ said at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing an internationalization stage using a set of internationalization rules.

8. (Currently Amended) The method as recited in claim 5, wherein ~~the step of performing~~ said at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing a user profile stage using a set of user profile rules.

9. (Currently Amended) The method as recited in claim 5, wherein ~~the step of performing~~ said at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing an optimization stage using a set of optimization rules.

10. (Currently Amended) The method as recited in claim 1, wherein ~~the step of~~ performing a final stage content transformation comprises ~~a step of~~ defining a set of final stage rules.

11. (Currently Amended) The method as recited in claim 10, wherein ~~the step of~~ defining a set of final stage rules comprises ~~a step of~~ using said content request to define the final stage rules.

12. (Currently Amended) The method as recited in claim 1, wherein the content transformation is XSLT based content transformation using an XSLT engine.

13. (Currently Amended) A server in a client-server communication system, the server comprising;
a content transformation operating program ~~wherein the operating program comprising the steps of to perform operations that comprise:~~
receiving a content request ~~by a server~~ from a client;

performing a first stage content transformation to generate a first stage data layout based upon said content request;

performing a an intermediate stage content transformation using said first stage data layout to generate a an intermediate data layout; and

performing a final stage content transformation using said intermediate data layout to generate a presentation format based on a device used by said client.

14. (Currently Amended) The server according to claim 13, wherein ~~the step of~~ performing a first stage content transformation, further comprises ~~the step of~~ retrieving data from a database.

15. (Currently Amended) The server according to claim 14, wherein ~~the step of~~ performing a first stage content transformation, further comprises ~~the step of~~ defining a set of first stage rules.

16. (Currently Amended) The server according to claim 15, wherein ~~the step of~~ performing a first stage content transformation further comprises ~~step of~~ generating said first stage data layout by transforming said data using said first stage rules.

17. (Currently Amended) The server according to claim 13, wherein ~~the step of~~ performing an intermediate stage content transformation comprises ~~step of~~ performing at least one or more sub-stages sub-stage to generate said intermediate stage data layout.

18. (Currently Amended) The server according to claim 17, wherein ~~the step of~~ performing said at least one or more sub-stages sub-stage comprises ~~a step of~~ performing a browser-type stage using a set of browser-type rules.

19. (Currently Amended) The server according to claim 17, wherein ~~the step of~~ performing said at least one or more sub-stages sub-stage comprises ~~a step of~~ performing an internationalization stage using a set of internationalization rules.

20. (Currently Amended) The server according to claim 17, wherein ~~the step of~~ performing said

at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing a user profile stage using a set of user profile rules.

21. (Currently Amended) The server according to claim 17, wherein ~~the step of~~ performing said at least one ~~or more sub-stages~~ sub-stage comprises ~~a step of~~ performing an optimization stage using a set of optimization rules.

22. (Currently Amended) The server according to claim 13, wherein ~~the step of~~ performing a final stage content transformation comprises ~~a step of~~ defining a set of final stage rules.

23. (Currently Amended) The server according to claim 22, wherein ~~the step of~~ defining a set of final stage rules comprises ~~a step of~~ using said content request to define the final stage rules.